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American Petroleum Institute
1220 L Street, NW
Washington, DC 20005

Weekly Statistical Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
Vol: 75 No: 16 For Week Ending: April 22, 1994

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 04/22/94	Last Week Ending: 04/15/94	Last Year Week Ending: 04/23/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	14,168	13,665	13,872	503	296
Operable Capacity	15,040	15,040	15,542	0	-502
Percent Operated	94.2	90.9	89.3		
MOTOR GASOLINE					
Total Motor Gasoline Production	7,699	7,244	6,898	455	801
Total Motor Gasoline Stocks	216,762	212,547	222,699	4,215	-5,937
Total Finished Gasoline Stocks	177,224	173,458	182,972	3,766	-5,748
Blending Components Stocks	39,538	39,089	39,727	449	-189
JET KEROSINE					
Total Jet Kerosine Production	1,425	1,367	1,300	58	125
Total Jet Kerosine Stocks	36,570	37,077	36,636	-507	-66
DISTILLATE FUEL OIL					
Total Distillate Production	3,344	3,223	3,016	121	328
Total Distillate Stocks	102,579	102,143	99,895	436	2,684
RESIDUAL FUEL OIL					
Total Residual Fuel Production	908	824	857	84	51
Total Residual Fuel Stocks	42,591	40,466	40,560	2,125	2,031
IMPORTS					
Crude Oil Imports	7,501	6,201	6,828	1,300	673
Product Imports	1,819	2,013	1,749	-194	70
CRUDE OIL STOCKS	339,147	338,876	345,375	271	-6,228
CRUDE SUPPLY BALANCE	-53				

See Definitional Notes on Page 6.

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U.S. REFINERY OPERATIONS

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,449	1,258	1,281	1,442	88.8
Appal. No. 1	43	38	38	109	34.9
PADD 1 TOTAL	1,492	1,296	1,319	1,551	85.0
Week Ago	1,332	1,147	1,151	1,551	74.2
Year Ago	1,702	1,383	1,383	1,544	89.6
IN, IL, KY	2,284	2,210	2,277	2,277	100.0
MN, WI, ND, SD	304	291	291	378	77.0
OK, KS, MO	736	667	667	667	100.0
PADD 2 TOTAL	3,324	3,168	3,235	3,322	97.4
Week Ago	3,360	3,201	3,285	3,322	98.9
Year Ago	3,257	3,131	3,184	3,356	94.9
Inland TX	614	557	557	557	100.0
TX Gulf Coast	3,858	3,060	3,077	3,231	95.2
LA Gulf Coast	2,730	2,621	2,646	2,646	100.0
N. LA and AR	182	168	170	226	75.2
NM	93	93	93	95	97.9
PADD 3 TOTAL	7,477	6,499	6,543	6,755	96.9
Week Ago	7,252	6,391	6,438	6,755	95.3
Year Ago	6,772	6,309	6,314	7,173	88.0
PADD 4 TOTAL	446	438	442	509	86.8
Week Ago	440	419	421	509	82.7
Year Ago	406	288	386	514	75.1
PADD 5 TOTAL	2,803	2,573	2,629	2,903	90.6
Week Ago	2,586	2,327	2,370	2,903	81.6
Year Ago	2,780	2,567	2,605	2,955	88.2
U.S. TOTAL	15,542	13,974	14,168	15,040	94.2
Week Ago	14,970	13,485	13,665	15,040	90.9
Year Ago	14,917	13,678	13,872	15,542	89.3

See Definitional Notes on Page 6.

U.S. REFINERY OUTPUT

(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	800	274	—	526	1	72	72	—	331	221	110	103
Appal. No. 1	29	—	—	29	—	—	—	—	15	15	—	3
PADD 1 TOTAL	829	274	—	555	1	72	72	—	346	236	110	106
Week Ago	724	240	—	484	8	81	81	—	305	178	127	76
Year Ago	768	*na*	*na*	*na*	9	63	*na*	*na*	395	*na*	*na*	106
IN, IL, KY	1,262	366	—	896	3	166	164	2	604	333	271	66
MN, WI, ND, SD	164	73	—	91	—	21	21	—	88	21	67	7
OK, KS, MO	399	158	—	241	8	38	37	1	210	133	77	6
PADD 2 TOTAL	1,825	597	—	1,228	11	225	222	3	902	487	415	79
Week Ago	1,813	629	—	1,184	10	201	198	3	834	476	358	96
Year Ago	1,743	*na*	*na*	*na*	12	222	*na*	*na*	728	*na*	*na*	53
Inland TX	343	10	—	333	2	49	38	11	152	131	21	8
TX Gulf Coast	1,775	84	—	1,691	8	319	292	27	692	479	213	236
LA Gulf Coast	1,277	101	—	1,176	6	342	311	31	600	212	388	125
N. LA and AR	40	—	—	40	1	5	5	—	42	37	5	4
NM	64	4	—	60	—	12	—	12	24	23	1	1
PADD 3 TOTAL	3,499	199	—	3,300	17	727	646	81	1,510	882	628	374
Week Ago	3,333	241	—	3,092	20	676	601	75	1,523	812	711	318
Year Ago	3,018	*na*	*na*	*na*	55	616	*na*	*na*	1,350	*na*	*na*	403
PADD 4 TOTAL	242	10	—	232	11	24	24	—	129	94	35	13
Week Ago	192	10	—	182	11	17	17	—	130	89	41	14
Year Ago	211	*na*	*na*	*na*	8	22	*na*	*na*	112	*na*	*na*	7
PADD 5 TOTAL	1,304	10	—	1,294	—	377	305	72	457	240	217	336
Week Ago	1,182	3	—	1,179	—	392	327	65	431	252	179	320
Year Ago	1,158	*na*	*na*	*na*	35	377	*na*	*na*	431	*na*	*na*	288
U.S. TOTAL	7,699	1,090	—	6,609	40	1,425	1,269	156	3,344	1,939	1,405	908
Week Ago	7,244	1,123	—	6,121	49	1,367	1,224	143	3,223	1,807	1,416	824
Year Ago	6,898	*na*	*na*	*na*	119	1,300	*na*	*na*	3,016	*na*	*na*	857

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS
(in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline						Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Total	Finished Motor Gasoline				Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%		
		Total Finished	Finished Oxygen'd	Finished Reform'd	Other Finished								
New England	5,649	5,648	520	—	5,128	1	—	511	4,895	1,070	3,825	1,901	—
Central Atlantic	32,218	27,933	5,419	—	22,514	4,285	27	3,212	16,774	5,085	11,689	10,214	10,981
Lower Atlantic	24,075	23,816	657	—	23,159	259	77	4,437	13,002	6,835	6,167	3,122	484
PADD 1 TOTAL	61,942	57,397	6,596	—	50,801	4,545	104	8,160	34,671	12,990	21,681	15,237	11,465
Week Ago	60,298	55,590	6,638	—	48,952	4,708	97	8,758	34,090	11,887	22,203	14,293	10,896
Year Ago	62,162	56,536	*na*	*na*	*na*	5,626	303	10,305	35,228	*na*	*na*	14,692	13,902
PADD 2 TOTAL	55,692	46,003	953	—	45,050	9,689	690	7,040	29,329	17,879	11,450	3,177	15,830
Week Ago	56,749	47,050	1,071	—	45,979	9,699	700	6,859	28,542	17,584	10,958	3,559	16,398
Year Ago	58,892	49,916	*na*	*na*	*na*	8,976	891	7,423	28,400	*na*	*na*	2,651	15,022
PADD 3 TOTAL	60,673	45,631	822	—	44,809	15,042	330	13,224	25,030	13,941	11,089	15,772	49,930
Week Ago	56,688	42,609	963	—	41,646	14,079	398	13,193	25,936	14,601	11,335	15,020	49,999
Year Ago	64,502	47,865	*na*	*na*	*na*	16,637	1,542	11,634	24,762	*na*	*na*	14,957	48,279
PADD 4 TOTAL	6,767	4,593	73	—	4,520	2,174	218	548	2,605	1,578	1,027	710	2,664
Week Ago	6,872	4,504	87	—	4,417	2,368	195	518	2,724	1,533	1,191	547	2,559
Year Ago	6,735	4,599	*na*	*na*	*na*	2,136	300	522	1,999	*na*	*na*	316	2,813
PADD 5 TOTAL	31,688	23,600	334	—	23,266	8,088	102	7,598	10,944	7,119	3,825	7,695	22,960
Week Ago	31,940	23,705	351	—	23,354	8,235	145	7,749	10,851	6,958	3,893	7,047	22,527
Year Ago	30,408	24,056	*na*	*na*	*na*	6,352	966	6,752	9,506	*na*	*na*	7,944	22,334
U.S. TOTAL	216,762	177,224	8,778	—	168,446	39,538	1,444	36,570	102,579	53,507	49,072	42,591	102,849
Week Ago	212,547	173,458	9,110	—	164,348	39,089	1,535	37,077	102,143	52,563	49,580	40,466	102,379
Year Ago	222,699	182,972	*na*	*na*	*na*	39,727	4,002	36,636	99,895	*na*	*na*	40,560	102,350

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)

(daily averages in thousands of 42-gallon barrels)

DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: April 22, 1994	4,122.0	7,174	877
Week Ended: April 15, 1994	4,122.0	6,064	922
Week Ended: April 8, 1994	4,122.0	6,700	905
Week Ended: April 23, 1993	4,331.0	6,622	777
DOE latest (11/93):	4,242.0		
PADD 5			
Week Ended: April 22, 1994	2,555.0	327	24
Week Ended: April 15, 1994	2,555.0	137	63
Week Ended: April 8, 1994	2,555.0	227	32
Week Ended: April 23, 1993	2,544.0	206	8
DOE latest (11/93):	2,634.0		
TOTAL U.S.			
Week Ended: April 22, 1994	6,677.0	7,501	901
Week Ended: April 15, 1994	6,677.0	6,201	985
Week Ended: April 8, 1994	6,677.0	6,927	937
Week Ended: April 23, 1993	6,875.0	6,828	785
DOE monthly - year ago	6,830.0		
DOE latest (11/93):	6,876.0		

CRUDE OIL STOCKS BY LOCATION

(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	17,287	74,527	166,847	11,993	68,493	15,673	339,147
Week Ago	16,530	74,422	164,071	11,920	71,933	14,738	338,876
Year Ago	14,987	77,292	170,431	12,946	69,719	14,806	345,375

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	-53
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Naphtha Type	Kerosine Type	Total	Sulfur <= .05%	Sulfur > .05%					
New England	95	—	—	95	—	—	11	114	2	112	103	—	—	—	323
Central Atlantic	1	—	—	1	—	—	30	22	19	3	61	10	86	49	259
Lower Atlantic	142	—	—	142	—	—	18	27	26	1	58	—	—	19	264
PADD 1 TOTAL	238	—	—	238	—	—	59	163	47	116	222	10	86	68	846
week ago	377	—	—	377	7	—	135	169	90	79	221	12	78	27	1,026
4 Week averages															
avg - current 4 weeks	288	—	—	288	5	—	100	184	76	108	271	11	97	33	989
avg - year ago 4 weeks	270	*na*	*na*	*na*	25	3	91	224	*na*	*na*	295	32	95	107	1,142
PADDs 2-4 TOTAL	—	—	—	—	2	97	—	75	52	23	13	43	341	314	885
week ago	54	—	—	54	28	—	—	26	8	18	19	146	417	152	842
4 Week averages															
avg - current 4 weeks	33	—	—	33	12	41	1	44	30	14	21	184	269	227	832
avg - year ago 4 weeks	1	*na*	*na*	*na*	19	2	1	18	*na*	*na*	31	84	269	178	603
PADD 5 TOTAL	7	—	—	7	14	—	10	10	1	9	8	1	1	37	88
week ago	9	—	—	9	—	—	47	7	—	7	12	—	57	13	145
4 Week averages															
avg - current 4 weeks	11	—	—	11	4	—	19	7	1	6	10	1	16	35	103
avg - year ago 4 weeks	9	*na*	*na*	*na*	6	—	1	5	*na*	*na*	3	—	1	4	29
U.S. TOTAL	245	—	—	245	16	97	69	248	100	148	243	54	428	419	1,819
week ago	440	—	—	440	35	—	192	202	98	104	252	158	552	192	2,013
4 Week averages															
avg - current 4 weeks	332	—	—	332	20	41	120	233	106	127	302	196	381	294	1,919
avg - year ago 4 weeks	279	*na*	*na*	*na*	51	4	92	247	*na*	*na*	328	116	364	288	1,769

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S *WEEKLY STATISTICAL BULLETIN*

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The *Bulletin* classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

1)	New England	ME, NH, VT, MA, RI, and CT
2)	Central Atlantic	NY, NJ, PA, DE, MD, and DC
3)	Lower Atlantic	VA, WV, NC, SC, GA, and FL